



**CANADIAN STANDARDS
ASSOCIATION**

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Canadian Standards Association

Making Standards Work for People and Business

The **Canadian Standards Association** has been a leader in standards development since 1919. Accredited by the Standards Council of Canada, we have published over 2000 standards for the safety, design and performance of a wide range of products and services. Many of our standards are cited in legislation at federal, provincial, state and municipal levels across North America. Many are internationally or regionally harmonized. All of our standards are the result of the knowledge and expertise of our members who develop the standards.

Our 9,000+ members are at the heart of the CSA process for the development of standards. They come from all walks of life and include scientists, academics, environmentalists and technicians. They represent government, industry, labour and consumers. All CSA standards are developed following principles of consensus, so that all viewpoints receive a fair hearing with no one interest group dominating.

There are two different types of membership; volunteer committee membership and sustaining membership. Our committee members contribute time and expertise to the process of standards development, and our sustaining members support this work through the payment of annual dues.

CSA is funded through the sale of information products, membership, and from interested stakeholders.

At the Canadian Standards Association, we know the power of standards to effect change and are committed to making standards work for people and business.

For more than 80 years, the Canadian Standards Association has developed standards to create a better, safer world – and we will continue to touch people's lives in positive ways for many years to come.

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find out just how convenient
and efficient it is to access
all the latest information.*

About this publication

Info Update is published by the Canadian Standards Association (CSA) eight times a year. It contains important information about new and existing standards, and standards under development. It also gives you highlights of other activities and services.

CSA offers a free online service called *Keep Me Informed* that will notify registered users when each new issue of *Info Update* is published. To register go to <http://www.csa-intl.org/onlinestore/KeepMeInformed/KeepMeInformed.asp>.

Information is organized into the eight program areas listed below.



Communications/Information includes Information Technology • Telecommunications



Construction Products & Materials includes Building Products • Building Systems (Industrialized Buildings) • Concrete • Forest Products • Masonry • National Construction Codes • Offshore Structures • Plumbing Products and Materials • Structures (Design) • Welding and Structural Metals



Electrical/Electronics includes the Canadian Electrical Code, Part I • Canadian Electrical Code, Part II – General Requirements • Canadian Electrical Code, Part II – Consumer and Commercial Products, Industrial Products, and Wiring Products • Canadian Electrical Code Part III – Outside Wiring • Electrical Engineering Standards • Electromagnetic Compatibility



Energy includes Fire Safety and Fuel Burning Equipment • Nuclear • Oil and Gas Industry Systems and Materials • Performance, Energy Efficiency and Renewables



Environment includes Environmental Management • Environmental Technology



Gas Equipment includes Natural Gas and Propane Installation Codes • Natural Gas and Propane Vehicle Fuel Systems and Industrial Engines • Accessories • Domestic and Commercial Water Heaters and Boilers • Food Processing and Food Refrigeration • Gas Fired Domestic and Commercial Heating Equipment and Air Conditioning • Incineration • Large Input Commercial and Industrial Equipment (Over 400,000 Btu/H) • Laundry Equipment • Performance Test Methods • Portable-Type Camping Equipment • Gas Technician Training Materials



Life Sciences includes Community Safety and Well-being • Health Care Technology • Mechanical Industrial Equipment • Occupational Health & Safety



Quality/Business Management includes Basic Engineering • Public Involvement • Quality Assurance • Quality Auditing • Quality Management • Reliability • Risk Management

What you'll find

Within each program, information is organized into the following sections:

Completed Projects / Projets terminés

▼ **New Standards – New Editions – Special Publications**

This section lists new standards, new editions (including adoptions), and special publications that have been published since the last issue of *Info Update*. To place your order call 1-800-463-6727 or visit our Online Store at www.csa.ca. Prices shown are quoted in Canadian dollars and do not include applicable taxes or shipping charges. Our office locations are listed at the end of this document.

▼ **Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français**

Cette section énumère les nouvelles normes et éditions (y compris les normes adoptées) ainsi que les publications spéciales qui ont paru depuis la dernière livraison du bulletin *Info-Update*. Pour commander, composez le 1 800 463-6727 ou visitez notre Boutique en ligne, au www.csa.ca. Les prix sont indiqués en dollars canadiens et ne comprennent pas les taxes pertinentes ni les frais d'expédition. La liste de nos bureaux est présentée à la fin de ce document.

▼ **Amendments**

Amendments are issued periodically for some standards. This section lists amendments that have been published since the last issue of *Info Update*. Most amendments are made available to the purchaser free of charge by returning the update notification card included in the standard or registering online for the update service through the Online Store at www.csa.ca and clicking on "My Account" on the navigation bar. Amendments developed by other standards development organizations, and adopted by CSA are made available for a fee. The prices shown are quoted in Canadian dollars and do not include applicable taxes or shipping charges.

▼ **Modifications publiées en français**

Dans le cas de certaines normes, des modifications sont publiées à intervalles réguliers. Cette section présente la liste des modifications publiées depuis la dernière livraison du bulletin *Info-Update*. La plupart des modifications étant offertes gratuitement, vous n'avez qu'à remplir et à nous retourner la carte d'avis de mise à jour incluse avec chaque norme. Vous pouvez également vous inscrire en direct à notre service de mise à jour en vous rendant à la Boutique en ligne, au www.csa.ca, et en cliquant sur le bouton « Mon compte » de la barre de navigation. Des frais s'appliquent toutefois aux modifications élaborées par d'autres organismes de normalisation et adoptées par la CSA. Les prix sont indiqués en dollars canadiens et ne comprennent pas les taxes pertinentes ni les frais d'expédition.

▼ **Adopted Standards**

Adopted standards have been developed by another standards development organization and have been approved by our technical committee for use in Canada, with or without modification. They are available for sale from CSA. You will find published adopted standards listed under "*New Standards — New Editions — Special Publications*."

▼ **Endorsed Standards**

Endorsed standards have been developed by another standards development organization, and have been approved by the appropriate CSA technical committee for use in Canada.

Endorsed standards are not sold by CSA.

For copies, contact the originating organization or Global Info Centre Canada at 1-800-854-7179 or 613-237-4250; fax 613-237-4251; e-mail gic@ihscanada.ca; Web site <http://global.ihs.com>.

Completed Projects (cont'd) / Projets terminés (suite)

▼ Reaffirmed Standards

The standards listed in this section have been reviewed to determine if they remain technically valid and are acceptable for use until the next edition is published or for a further five years.

▼ Withdrawn Standards

The standards listed in this section have been withdrawn. Most withdrawn standards are available from our archived collection. Some copies may not be in original format.

To order, call toll-free 1-800-463-6727 (in Toronto, 416-747-4044).

▼ Formal Interpretations

This section lists questions that individuals have submitted about a particular standard. Each question has been reviewed and answered by the appropriate committee. If you would like to submit a question about a particular standard, please see the end notes in the preface of that standard.

Under Development

▼ Notice of Intent

CSA intends to begin work on the projects listed in this section. These projects include the development of new standards and editions (including adoptions), and endorsements. If you have relevant expertise and would like to contribute time, comments, or are able to support the development financially, please contact the person listed for that item.

▼ Drafts for Public Review

Drafts of new standards, new editions, and amendments (including adoptions), and endorsements are available for public review before the technical committee approves the technical content. You have 60 days from the date of this issue of *Info Update* to comment on any item listed in this section. Please return your comments as quickly as possible, so that we can pass them on to the appropriate committee for review. To request copies or offer comments, contact the person noted for that draft. If you would like to comment on a standard that is being proposed for endorsement or adoption, you can obtain a copy from the originating organization for a fee.

After the expiry date for public comments, you can buy the public review drafts, up until the approval stage, for \$50 (plus shipping and handling). *Please note:* Drafts are works in progress and have no official status. They are not a substitute for the final, approved standards and amendments. Do not use them as an authoritative source.

▼ Proposed Reaffirmation of Standards

Standards listed in this section are being reviewed to determine if they remain technically valid and current. If you have any comments, send them to the contact person noted within 30 days of the date of this issue of *Info Update*. Your comments will be passed on to the appropriate committee for consideration.

▼ Proposed Withdrawal of Standards

These documents are being considered for withdrawal. If you have any questions or concerns about this, contact the person noted within 30 days of the date of this issue of *Info Update*.

▼ Status of Standards Projects

The project status report was formerly published quarterly in *Info Update*. Beginning with the February 2003 issue of *Info Update* this information will be available on our web site, independent of *Info Update*. To view or download visit <http://www.csa.ca/standards/default.asp?load=report&language=English>. This report lists projects that CSA committees are currently working on. Standards listed in this report are not yet available for sale.

Certification and Testing (CSA International)

▼ **Informs Notices (Bulletins from CSA International)**

An *Informs* is a notice containing information only. It does not contain anything that would require you to resubmit products for certification. If you would like a copy of an *Informs* notice, call CSA International at 416-747-4171, or fax 416-747-2476.

▼ **Certification Notices**

Certification notices inform you about changes that would require a product to be resubmitted for certification or about critical factors that may affect a product's certification. Products must comply with the changed requirements by the effective dates given.

CSA certification and testing clients receive these notices automatically. If you did not receive a copy or would like to receive one, call CSA International at 416-747-4171, or fax 416-747-2476.



Construction Products and Materials

[A23.3-04, 5th edition](#)

Design of Concrete Structures

[A123.1-05/A123.5-05, 2nd edition](#)

*Asphalt Shingles Made From Organic Felt and Surfaced With Mineral Granules /
Asphalt Shingles Made From Glass Felt and Surfaced With Mineral Granules*

[A123.17-05, 2nd edition](#)

Asphalt Glass Felt Used in Roofing and Waterproofing

[B66-05, 6th edition](#)

*Design, Material, and Manufacturing Requirements for Prefabricated Septic Tanks
and Sewage Holding Tanks*

[B602-05, 4th edition](#)

Mechanical Couplings for Drain, Waste, and Vent Pipe and Sewer Pipe

[S157-05, 4th edition/S157.1-05, 1st edition](#)

Strength Design in Aluminum / Commentary on CSA S157-05



Produits et matériaux de construction

[S472-04, 3^e édition](#)

Fondations

[S474-04, 3^e édition](#)

Structures en béton



Electrical / Electronics

[C22.2 No. 14-05, 10th edition](#)

Industrial Control Equipment

[C22.2 No. 227.3-05, 3rd edition](#)

Nonmetallic Mechanical Protection Tubing (NMPT)
(Bi-national standard with UL 1696, first edition)

[CAN/CSA-C22.2 No. 60745-2-12-05, 2nd edition](#)

*Hand-held motor-operated electric tools—Safety—Part 2-12: Particular requirements
for concrete vibrators* (Bi-national standard with UL 60745-2-12, second edition.
Adopted IEC 60745-2-12:2003, second edition, without modification)

[CAN/CSA-C22.2 No. 60745-2-18-05, 1st edition](#)

*Hand-held motor-operated electric tools—Safety—Part 2-18: Particular requirements
for strapping tools* (Bi-national standard with UL 60745-2-18, first edition.
Adopted IEC 60745-2-18:2003, first edition, without modification)

Electrical / Electronics (cont'd)

[CAN/CSA-C22.2 No. 60745-2-20-05, 1st edition](#)

Hand-held motor-operated electric tools—Safety—Part 2-20: Particular requirements for band saws (Bi-national standard with UL 60745-2-20, first edition.

Adopted IEC 60745-2-20:2003, first edition, without modification)

[CAN/CSA-C22.2 No. 60745-2-21-05, 1st edition](#)

Hand-held motor-operated electric tools—Safety—Part 2-21: Particular requirements for drain cleaners (Bi-national standard with UL 60745-2-21, first edition.

Adopted IEC 60745-2-21:2003, first edition, without modification)

[CAN/CSA-CEI/IEC 61000-4-11-05, 2nd edition \(bilingual\)](#)

Electromagnetic compatibility (EMC)—Part 4-11: Testing and measurement techniques—Voltage dips, short interruptions and voltage variations immunity tests

(Adopted CEI/IEC 61000-4-11:2004, second edition, without modification)

[CAN/CSA-E60335-2-31-05, 2nd edition](#)

Household and similar electrical appliances—Safety—Part 2-31: Particular requirements for range hoods (Adopted IEC 60335-2-31:2002, fourth edition, with Canadian deviations)

[CAN/CSA-E60335-2-76:05, 2nd edition](#)

Household and similar electrical appliances—Safety—Part 2-76: Particular requirements for electric fence energizers (Adopted IEC 60335-2-76:2002, second edition, with Canadian deviations)



Électricité et électronique

[C22.2 n° 27-00, 5^e édition](#)

Barres blindées (norme tri-nationale avec UL 857, douzième édition et NMX-J-148-ANCE, deuxième édition)

[C22.2 n° 214-02, 6^e édition](#)

Câbles de télécommunications (norme binationale avec UL 444, troisième édition)

[CAN/CSA-C22.2 n° 60745-2-18-05, 1^{re} édition](#)

Outils électroportatifs à moteur—Sécurité—Partie 2-18 : Règles particulières pour les outils de cerclage (Norme binationale avec UL 60745-2-18, première édition.

Norme CEI 60745-2-18, première édition, adoptée sans modifications)

[CAN/CSA-C22.2 n° 60745-2-20-05, 1^{re} édition](#)

Outils électroportatifs à moteur—Sécurité—Partie 2-20 : Règles particulières pour les scies à ruban (Norme binationale avec UL 60745-2-20, première édition.

Norme CEI 60745-2-20, première édition, adoptée sans modifications)

Électricité et électronique (suite)

[CAN/CSA-C22.2 n° 60745-2-21-05, 1^e édition](#)

Outils électroportatifs à moteur–Sécurité–Partie 2-21 : Règles particulières pour les curettes (Norme binationale avec UL 60745-2-21, première édition. Norme CEI 60745-2-21, première édition, adoptée sans modifications)

[CAN/CSA-C22.2 n° 61010-2-010:04, 2^e édition \(bilingue\)](#)

Règles de sécurité pour appareils électriques de mesurage, de régulation et de laboratoire–Partie 2-010: Exigences particulières pour appareils de laboratoire utilisés pour l'échauffement des matières (norme CEI/IEC 61010-2-010:2005, deuxième édition, adoptée sans modifications)

[CAN/CSA-CEI/IEC 61000-4-11-05, 2^e édition \(bilingue\)](#)

Compatibilité électromagnétique (CEM)–Partie 4-11: Techniques d'essai et de mesure–Essais d'immunité aux creux de tension, coupures brèves et variations de tension (norme CEI/IEC 61000-4-11:2004, deuxième édition, adoptée sans modifications)



Energy

[B140.7-05, 2nd edition](#)

Oil-Burning Equipment: Steam and Hot-Water Boilers

[C656-05, 2nd edition](#)

Performance Standard for Split-System and Single-Package Central Air Conditioners and Heat Pumps



Énergie

[B140.4-04, 3^e édition](#)

Générateurs d'air chaud alimentés aux mazout



Gas Equipment

[ANSI Z21.1-2005, 28th edition](#)

Household Cooking Gas Appliances

[ANSI Z21.20-2005, 14th edition](#)

Automatic Gas Ignition Systems and Components

[ANSI Z21.58-2005/CSA 1.6-2005, 2nd edition](#)

Outdoor Cooking Gas Appliances

[ANSI Z83.18-2004, 4th edition](#)

Recirculating Direct Gas-Fired Industrial Air Heaters



Life Sciences

[B52HB-05, 1st edition](#)

A Practical Handbook for Implementing CSA B52, “Mechanical Refrigeration Code”

[CAN/CSA-ISO/TS 17090-2:05, 1st edition](#)

Health informatics—Public key infrastructure—Part 2: Certificate profile
(Adopted ISO/TS 17090-2:2002, first edition, without modification)

[CAN/CSA-ISO 18104:05, 1st edition](#)

Health informatics—Integration of a reference terminology model for nursing
(Adopted ISO 18104:2003, first edition, without modification)

[CAN/CSA-Z15190-05, 1st edition](#)

Medical laboratories—Requirements for safety
(Adopted ISO 15190:2003, first edition, with Canadian deviations)

[Z460-05, 1st edition](#)

Control of Hazardous Energy—Lockout and Other Methods



Sciences de la Vie

[CAN/CSA-ISO 18104:05, 1^{re} édition](#)

Informatique de santé—Intégration d’un modèle de terminologie de référence pour les soins infirmiers (norme ISO 18104:2003, première édition, adoptée sans modifications)

[Z32-04, 2^e édition](#)

Sécurité en matière d’électricité et réseaux électriques essentiels des établissements de santé

[Z259.13-04, 1^{re} édition](#)

Systèmes de corde d’assurance horizontale flexibles

[Z259.16-04, 1^{re} édition](#)

Conception de systèmes actifs de protection contre les chutes

[Z314.22-04, 1^{re} édition](#)

Gestion des dispositifs médicaux empruntés, partagés et loués



Completed Projects / Projets terminés

Withdrawn Standards

CSA has withdrawn its endorsement of the following ANSI standards:

- **ANSI T1.110-1992**
Signalling System No. 7 (SS7)–General Information
- **ANSI T1.111-1996**
Signalling System No. 7 (SS7)–Message Transfer Part (MTP)
- **ANSI T1.111A-1994**
Numbering Signalling Point Codes
- **ANSI T1.112-1996**
Signalling System No. 7 (SS7)–Signalling Connection Control Part (SCCP)
- **ANSI T1.113-1995**
Signalling System No. 7 (SS7)–Integrated Services Digital Network (ISDN) User Part
- **ANSI T1.114-1996**
Signalling System No. 7 (SS7)–Transaction Capabilities Application Part (TCAP)
- **ANSI T1.116-1990**
Signalling System No. 7 (SS7)–Operations, Maintenance and Administrative Part
- **ANSI T1.118-1992**
Intermediate Signalling Network Identification (ISNI)
- **ANSI T1.209-1989**
Operations, Administration, Maintenance and Provisioning–Network Tones and Announcements
- **ANSI T1.216-1991**
ISDN Management–Basic Rate Physical Layer
- **ANSI T1.217-1991**
ISDN Management–Primary Rate Physical Layer
- **ANSI T1.218-1991**
ISDN Management–Data Link and Network Layer
- **ANSI T1.219-1991**
ISDN Management–Overview and Principles
- **ANSI T1.226-1992**
OAM&P–Management of Functions for Signalling System No. 7 Network Interconnections
- **ANSI T1.234-1993**
Signalling System No. 7–MTP Levels 2 and 3 Compatibility Testing



Withdrawn Standards (cont'd)

- **ANSI T1.235-1993**
Signalling System No. 7–SCCP Class 0 Compatibility Testing
- **ANSI T1.236-1993**
Signalling System No. 7–ISDN User Part Compatibility Testing
- **ANSI T1.239-1994**
ISDN Management–User Network Interface Protocol Profile
- **ANSI T1.241-1994**
ISDN Service-Profile Verification and Service-Profile Management ISDN Interface Management Services
- **ANSI T1.403-1995**
Network to Customer Installation–DS1 Metallic Interface
- **ANSI T1.404-1994**
Telecommunications–Network to Customer Installation–DS3 Metallic Interface Specification
- **ANSI T1.601-1992**
Integrated Services Digital Network (ISDN)–Basic Access Interface for Use on Metallic Loops for Application on the Network Side of the NT (Layer 1 Specification)
- **ANSI T1.603-1990**
Telecommunications–Minimal Set of Bearer Services for the ISDN Primary Rate Interface
- **ANSI T1.604-1990**
Telecommunications–Minimal Set of Bearer Services for the ISDN Basic Rate Interface
- **ANSI T1.605-1991**
Integrated Services Digital Network (ISDN)–Basic Access Interface for S and T Reference Points (Layer 1 Specification)
- **ANSI T1.606-1990**
Integrated Services Digital Network (ISDN)–Architectural Framework and Service Description for Frame-Relaying Bearer Service
- **ANSI T1.606A-1992**
Telecommunications–Integrated Services Digital Network (ISDN)–Architectural Framework and Service Description for Frame-Relaying Bearer Service (Supplement Congestion Management and Frame Size)
- **ANSI T1.607-1990**
Integrated Services Digital Network (ISDN)–Layer 3 Signalling Specification for Circuit-Switched Bearer Service for Digital Subscriber Signalling System Number 1 (DSS1)
- **ANSI T1.608-1991**
Integrated Services Digital Network (ISDN)–Signalling Specifications for X.25 Packet Switched Bearer Service for Digital Subscriber Signalling System Number 1 (DSS1)
- **ANSI T1.608A-1992**
Supplement to Digital Subscriber Signalling System No. 1 (DSS1–Signalling Specification for X.25 Packet Switched Bearer Service)



Withdrawn Standards (cont'd)

- **ANSI T1.609-1990**
Telecommunications–Interworking Between the ISDN User–Network Interwork Interface Protocol and the Signalling System No. 7 ISDN User Part
- **ANSI T1.610-1994**
Telecommunications–Generic Procedures for the Control of ISDN Supplementary Services
- **ANSI T1.611-1991**
Telecommunications–Signalling System No. 7 (SS7–Supplementary Services for non-ISDN Subscribers)
- **ANSI T1.612-1992**
Integrated Services Digital Network (ISDN)–Terminal Adaptation Using Statistical Multiplexing
- **ANSI T1.613-1991**
Digital Subscriber Signalling System No. 1 (DSS1), ISDN Call Waiting
- **ANSI T1.614-1991**
Packet Mode Bearer Service Category Description
- **ANSI T1.615-1992**
Digital Subscriber Signalling System No. 1 (DSS1)–Layer 3 Overview
- **ANSI T1.616-1992**
Integrated Services Digital Network (ISDN)–Call Hold Supplementary Service
- **ANSI T1.617-1991**
Integrated Services Digital Network (ISDN)–Signalling Specification for Frame Relay Bearer Service for Digital Subscriber Signalling System Number 1 (DSS1)
- **ANSI T1.617A-1994**
Telecommunications–Integrated Services Digital Network (ISDN)–Signalling Specification for Frame Relay Bearer Service for Digital Subscriber Signalling System Number 1 (DSS1) (Protocol Encapsulation and PICS) (Supplement to ANSI T1.617-1991)
- **ANSI T1.618-1991**
Integrated Services Digital Network (ISDN)–Core Aspects of Frame Protocol for Use with Frame Relay Bearer Service
- **ANSI T1.619-1992**
Telecommunications–Integrated Services Digital Network (ISDN) Multi-Level Precedence and Preemption (MLPP) Service Compatibility (Includes Supplement ANSI T1.619a-1994)
- **ANSI T1.619A-1994**
Telecommunications–Integrated Services Digital Network (ISDN)–Multi-Level Precedence and Preemption (MLPP) Service Capability (MLPP Service Domain and Cause Value Changes) (Supplement to ANSI T1.619-1992)
- **ANSI T1.620-1991**
Telecommunications–Integrated Services Digital Network (ISDN)–Circuit-Mode Bearer Service Category Description



Withdrawn Standards (cont'd)

- **ANSI T1.620A-1992**
Telecommunications–Integrated Services Digital Network (ISDN)–Circuit-Mode Bearer Service Category Description (Supplement to ANSI T1.620-1991)
- **ANSI T1.621-1992**
Telecommunications–Integrated Services Digital Network (ISDN)–User-to-User Signalling Supplementary Service
- **ANSI T1.622-1992**
Telecommunications–Message Waiting Indicator Control and Notification Supplementary Services and Associated Switching and Signalling Specifications
- **ANSI T1.623-1993**
Telecommunications–Digital Subscriber Signalling System Number 1 (DSS1)–Signalling Specification for the User Signalling Bearer Service
- **ANSI T1.625-1993**
Telecommunications–Integrated Services Digital Network (ISDN)–Calling Line Identification–Presentation and Restriction Supplementary Service
- **ANSI T1.626-1995**
Telecommunications–Switch-Computer Applications Interface (SCAI)
- **ANSI T1.631-1993**
Telecommunications–Signalling System No. 7 (SS7)–High Probability of Completion (HPC) Network Capability
- **ANSI T1.632-1993**
Telecommunications–ISDN Supplementary Service Normal Call Transfer
- **ANSI T1.634-1993**
Telecommunications–Frame Relay Service Specific Convergence Sublayer (FR-SSCS)
- **ANSI T1.639-1995**
Telecommunications–Calling Name Identification Restriction
- **ANSI T1.641-1995**
Telecommunications–Calling Name Identification Presentation
- **ANSI T1.642-1995**
Telecommunications–Integrated Services Digital Network (ISDN)–Call Deflection Supplementary Service
- **ANSI T1.643-1995**
Telecommunications–Integrated Services Digital Network (ISDN)–Explicit Call Transfer Supplementary Service



Under Development

Proposed Withdrawal of Standards

For more information about the proposed withdrawal of the following standards, contact Tom Bartoff at 416-747-2636 or tom.bartoff@csa.ca:

- **T529-95 (R2000)**
Telecommunications Cabling Systems in Commercial Buildings
- **T530-99 (R2004)**
Commercial Building Standard for Telecommunications Pathways and Spaces



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

A23.3-04, 5th edition

Design of Concrete Structures \$125

This standard specifies requirements, in accordance with the *National Building Code of Canada*, for the design and strength evaluation of the following:

- structures of reinforced and prestressed concrete
- plain concrete elements
- special structures such as parking structures, arches, tanks, reservoirs, bins and silos, towers, water towers, blast-resistant structures, and chimneys.

A123.1-05/A123.5-05, 2nd edition

*Asphalt Shingles Made From Organic Felt and Surfaced With Mineral Granules /
Asphalt Shingles Made From Glass Felt and Surfaced With Mineral Granules* \$80

This standard covers asphalt roofing shingles composed of saturated organic felt or impregnated glass felt, coated on both sides with asphaltic material and surfaced on the weather side with mineral granules. This standard is designed for the evaluation of products as they are manufactured.

A123.17-05, 2nd edition

Asphalt Glass Felt Used in Roofing and Waterproofing..... \$45

This standard covers glass felts impregnated to varying degrees with asphalt intended to be used with roofing asphalts conforming to the requirements of CSA A123.4.

B66-05, 6th edition

*Design, Material, and Manufacturing Requirements for Prefabricated Septic Tanks
and Sewage Holding Tanks*..... \$100

This standard specifies minimum design and material requirements as well as manufacturing practices and markings for prefabricated septic tanks, sewage holding tanks, and effluent chambers of steel, concrete, fibreglass-reinforced plastic, or polyethylene construction that are designed to handle sewage or sewage effluent.

B602-05, 4th edition

Mechanical Couplings for Drain, Waste, and Vent Pipe and Sewer Pipe..... \$120

This standard covers mechanical couplings used to axially join pipes and fittings in non-pressure drain, waste, and vent (DWV) and sewer piping systems that are located inside or outside buildings and above or under the ground.



New Standards – New Editions – Special Publications (cont'd)

S157-05, 4th edition/S157.1-05, 1st edition

Strength Design in Aluminum / Commentary on CSA S157-05..... \$60

S157 applies to the design of aluminum alloy members and assemblies intended to carry a known load. This standard specifies requirements for the design of members to meet the requirements of the *National Building Code of Canada* using limit states design procedures.

S157.1 is a commentary on S157.

Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

S472-04, 3^e édition

Fondations 100 \$

Cette norme traite des aspects reliés au génie géotechnique des :

- a) plates-formes à embase-poids ;
- b) ouvrages auxiliaires en remblai ;
- c) plates-formes ballastables ; et
- d) plates-formes sur piles.

Elle aborde notamment la reconnaissance des sites, les principes de calcul généraux, les effets pédologiques et les effets des phénomènes naturels sur les fondations, ainsi que les facteurs géotechniques qui influent sur la construction, la mise en place, l'exploitation et le déclassement de telles structures.

S474-04, 3^e édition

Structures en béton 100 \$

Cette norme énonce les exigences de sélection des matériaux, de calcul et de construction des structures extracôtées fixes en béton. Elle s'adresse aux ingénieurs spécialisés dans le calcul et la construction des structures extracôtées.

Amendments

B45.11-04

Glass Lavatories

Revision of the Technical Committee.

O80S2-05

Supplement No. 2 to O80 Series-97, "Wood Preservation"..... \$70

Revision of the following clauses and tables:

- **O80 Series-97**: the Contents and the Preface
- **O80.0-97**: Clauses 3.1 and 8.1 and supplementary requirements to AWPA standard P5-95
- **O80.1-97**: Clauses 4.1.4, 4.2.2, and 5.1, and Tables 1 and 2

Amendments (cont'd)

O80S2-05 (cont'd)

- O80.2-97: Table 1
- O80.3-97: Clause 3.1, and Tables 1 and 2
- O80.4-97: Tables 2 and 3
- O80.5-97: Table 1
- O80.9-97: Clause 4.1.2 and Table 1
- O80.14-97: Clause 4.1.2 and Table 1
- O80.15-97: Clause 3.1 and Table 1
- O80.18-97: Tables 1 and 2
- O80.25-97: Clause 2.5 and Table 1
- O80.32-97: Clauses 1 and 2, and Table 1.

Addition of the following clause and two new standards to the series:

- O80.32-97: Clause 3
- O80.36-05, 1st edition
Preservative Treatment of Wood Products for Light-Duty Above-Ground Residential Uses by Pressure Processes
- O80.207-05, 1st edition
Preservative Treatment with Chromated Copper Arsenate-Polyethylene Glycol Dimethacrylate Polymer (CCA-PA)

Modifications publiées en français

B45.11-04

Lavabos en verre

Des modifications ont été apportées au comité technique.

S136S1-04

Supplément de 2004 à la Spécification nord-américaine pour le calcul des éléments de charpente en acier formés à froid..... 35 \$

Ce supplément comprend des modifications à la CAN/CSA-S136-01 et est conçu pour être utilisé avec cette norme.

Reaffirmed Standards

CAN/CSA-B356-00 (R2005)

Water Pressure Reducing Valves for Domestic Water Supply Systems



Under Development

Notice of Intent

For more information about the proposed development of the following new projects, contact Abraham Murra at 416-747-4186 or abraham.murra@csa.ca:

- **B64 Series, 5th edition**
Backflow Preventers and Vacuum Breakers
- **B64.10/B64.10.1, 5th edition**
Manual for the Selection and Installation of Backflow Prevention Devices/
Manual for the Maintenance and Field Testing of Backflow Prevention Devices
- **B128 Series, 1st edition**
Design and Installation of Non-Potable Water Systems Utilizing Reclaimed Water

For more information about the proposed development of the following new project, contact Muktha Tumkur at 416-747-4045 or muktha.tumkur@csa.ca:

- **A220 Series, 2nd edition**
Concrete Roof Tiles
(Series consists of A220.0, A220.1, and A220.2.)

Proposed Reaffirmation of Standards

For more information about the proposed reaffirmation of the following standard, contact Muktha Tumkur at 416-747-4045 or muktha.tumkur@csa.ca:

- **CAN/CSA-A14-00**
Concrete Poles

For more information about the proposed reaffirmation of the following standard, contact Mark Braiter at 416-747-2745 or mark.braiter@csa.ca

- **CSA-S448.1-93 (R2000)**
Repair of Reinforced Concrete in Buildings

Proposed Withdrawal of Standards

For more information about the proposed withdrawal of the following standards, contact Ted Koza at 416-747-2692 or ted.koza@csa.ca:

- **W375 SEC.1-F1984 (C2001)**
Terminologie française du soudage, Section 1: Discontinuités et défauts de soudage
- **W375 SEC.2-F1986 (C2001)**
Terminologie française du soudage, Section 2: Procédés de soudage et techniques connexes
- **W375 SEC.3-F1990 (C2001)**
Terminologie française du soudage, Section 3: Assemblages, préparations et soudures

Certification and Testing (CSA International)

Certification Notices

Please note: ► Notices marked with an arrowhead are new in this issue.

| Effective Date | Subject | Title |
|-----------------------|---|-------------------------------|
| ► December 1, 2005 | Introduction of Certification Service to NSF/ANSI 61-2004, <i>Drinking Water System Components–Health Effects</i> . | Drinking Water Products No. 1 |
| July 30, 2005 | Publication of CSA standard CAN/CSA-B602-99, <i>Mechanical Couplings for Drain, Waste, and Vent Pipe and Sewer Pipe</i> . | Plumbing Products No. 146 |



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

C22.2 No. 14-05, 10th edition

Industrial Control Equipment \$150

This standard applies to control and protective devices, and accessory devices, rated at not more than 1500 V, for starting, stopping, regulating, controlling, or protecting electric motors, generators, heating apparatus, or other equipment used to control an industrial process that is intended to be installed and used in non-hazardous locations in accordance with the rules of the *Canadian Electrical Code, Part I*.

C22.2 No. 227.3-05, 3rd edition

Nonmetallic Mechanical Protection Tubing (NMPT)
(Bi-national standard with UL 1696, first edition) \$395

This standard applies to non-metallic mechanical protection tubing (NMPT) and fittings in 10 to 53 (1/4 to 2) trade sizes for use as support and protection of insulated conductors in equipment intended for use in non-hazardous location.

CAN/CSA-C22.2 No. 60745-2-12-05, 2nd edition

Hand-held motor-operated electric tools—Safety—Part 2-12: Particular requirements for concrete vibrators (Bi-national standard with UL 60745-2-12, second edition. Adopted IEC 60745-2-12:2003, second edition, without modification) \$260

This standard applies to concrete vibrators.

This document is available in Portable Document Format (PDF) only.

CAN/CSA-C22.2 No. 60745-2-18-05, 1st edition

Hand-held motor-operated electric tools—Safety—Part 2-18: Particular requirements for strapping tools (Bi-national standard with UL 60745-2-18, first edition. Adopted IEC 60745-2-18:2003, first edition, without modification) \$260

This standard applies to strapping tools.

This document is available in Portable Document Format (PDF) only.

CAN/CSA-C22.2 No. 60745-2-20-05, 1st edition

Hand-held motor-operated electric tools—Safety—Part 2-20: Particular requirements for band saws (Bi-national standard with UL 60745-2-20, first edition. Adopted IEC 60745-2-20:2003, first edition, without modification) \$260

This standard applies to band saws.

This document is available in Portable Document Format (PDF) only.



New Standards – New Editions – Special Publications (cont'd)

CAN/CSA-C22.2 No. 60745-2-21-05, 1st edition

Hand-held motor-operated electric tools–Safety–Part 2-21: Particular requirements for drain cleaners (Bi-national standard with UL 60745-2-21, first edition.

Adopted IEC 60745-2-21:2003, first edition, without modification) \$260

This standard applies to drain cleaners.

This document is available in Portable Document Format (PDF) only.

CAN/CSA-CEI/IEC 61000-4-11-05, 2nd edition (bilingual)

Electromagnetic compatibility (EMC)–Part 4-11: Testing and measurement techniques–Voltage dips, short interruptions and voltage variations immunity tests

(Adopted CEI/IEC 61000-4-11:2004, second edition, without modification) \$120

This standard defines the immunity test methods and range of preferred test levels for electrical and electronic equipment connected to low-voltage power supply networks for voltage dips, short interruptions, and voltage variations.

This standard applies to electrical and electronic equipment having a rated input current not exceeding 16 A per phase, for connection to 50 Hz or 60 Hz a.c. networks.

CAN/CSA-E60335-2-31:05, 2nd edition

Household and similar electrical appliances–Safety–Part 2-31: Particular requirements for range hoods (Adopted IEC 60335-2-31:2002, fourth edition,

with Canadian deviations) \$60

This standard deals with the safety of electric range hoods intended for installation above household ranges, hobs and similar cooking appliances, their rated voltage being not more than 250 V.

CAN/CSA-E60335-2-76:05, 2nd edition

Household and similar electrical appliances–Safety–Part 2-76: Particular requirements for electric fence energizers (Adopted IEC 60335-2-76:2002,

second edition, with Canadian deviations) \$165

This standard deals with the safety of electric fence energizers with rated voltage being not more than 250 V, intended for agricultural use, for control of domestic farm and feral animals.

Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

C22.2 n° 27-00, 5^e édition

Barres blindées (norme tri-nationale avec UL 857, douzième édition et NMX-J-148-ANCE, deuxième édition) 395 \$

Cette norme s'applique aux barres blindées et accessoires connexes pour branchements du consommateur, artères et circuits de dérivation d'au plus 600 V et 6000 A, et destinés à être installés conformément au *Code canadien de l'électricité, Première partie*, au *National Electrical Code* (NEC), et à la norme mexicaine sur les installation électriques (utilisation). Cette norme ne s'applique pas aux barres sous boîtier métallique destinées au raccordement d'appareillages de commutation dans des systèmes de distribution électrique préfabriqués.

C22.2 n° 214-02, 6^e édition

Câbles de télécommunications (norme binationale avec UL 444, troisième édition) 250 \$

Cette norme s'applique aux câbles de 60 à 250 °C, monoconducteurs ou multi-conducteurs, avec ou sans gaine, avec isolant intégré ou non, et aux câbles coaxiaux simples ou multiples destinés à des circuits de téléphonie ou à d'autres systèmes de télécommunications (voix, données, audio, etc.) installés. Ces câbles peuvent comporter un ou plusieurs éléments à fibre optique. Dans le contexte de cette norme, un câble coaxial ou un conducteur à élément coaxial est assimilé à un monoconducteur avec blindage. Dans le contexte de cette norme, un câble monoconducteur ou multiconducteur sans gaine est assimilé à un fil d'interconnexion.

CAN/CSA-C22.2 n° 60745-2-18-05, 1^{re} édition

Outils électroportatifs à moteur–Sécurité–Partie 2-18 : Règles particulières pour les outils de cerclage (Norme binationale avec UL 60745-2-18, première édition. Norme CEI 60745-2-18, première édition, adoptée sans modifications) 260 \$

Cette norme s'applique aux outils de cerclage électriques.

Cette norme est offerte en format PDF seulement.

CAN/CSA-C22.2 n° 60745-2-20-05, 1^{re} édition

Outils électroportatifs à moteur–Sécurité–Partie 2-20 : Règles particulières pour les scies à ruban (Norme binationale avec UL 60745-2-20, première édition. Norme CEI 60745-2-20, première édition, adoptée sans modifications) 260 \$

Cette norme s'applique aux scies à ruban.

Cette norme est offerte en format PDF seulement.

CAN/CSA-C22.2 n° 60745-2-21-05, 1^{re} édition

Outils électroportatifs à moteur–Sécurité–Partie 2-21 : Règles particulières pour les curettes (Norme binationale avec UL 60745-2-21, première édition. Norme CEI 60745-2-21, première édition, adoptée sans modifications) 260 \$

Cette norme s'applique aux curettes électriques.

Cette norme est offerte en format PDF seulement.



Nouvelles normes – Nouvelles éditions – Publications spéciales (suite)

CAN/CSA-C22.2 n° 61010-2-010:04, 2^e édition (bilingue)

*Règles de sécurité pour appareils électriques de mesurage, de régulation et de laboratoire–
Partie 2-010: Exigences particulières pour appareils de laboratoire utilisés pour l'échauffement
des matières* (norme CEI/IEC 61010-2-010:2005, deuxième édition, adoptée sans
modifications) 80 \$

Cette norme s'applique uniquement aux appareils de laboratoire alimentés électriquement pour l'échauffement des matières, où l'échauffement des matières est la seule fonction ou est une des multiples fonctions de l'appareil.

Cette norme est offerte en format PDF seulement.

CAN/CSA-CEI/IEC 61000-4-11-05, 2^e édition (bilingue)

*Compatibilité électromagnétique (CEM)–Partie 4-11: Techniques d'essai et de mesure–
Essais d'immunité aux creux de tension, coupures brèves et variations de tension*
(norme CEI/IEC 61000-4-11:2004, deuxième édition, adoptée sans modifications) 120 \$

Cette norme définit les méthodes d'essai d'immunité ainsi que la gamme des niveaux d'essais préférés pour les matériels électriques et électroniques connectés à des réseaux d'alimentation basse tension pour les creux de tension, les coupures brèves et les variations de tension.

Amendments

C22.2 No. 96-03

Portable Power Cables

Revision of Clause 10.3.6.4 and Tables 4A, 12, and 24.

C22.2 No. 140.2-96 (R2001)

Hermetic Refrigerant Motor-Compressors

Revision of the title page, the copyright page, the contents, Clauses 34.2, 41.4, 41.13, 41.18, 41.20, and 41.21, and Tables 41.1–41.3. Addition of Clause 34.3. Deletion of Foreword (UL).

CAN/CSA-C22.2 No. 60745-1-04

Hand-Held Motor-Operated Electric Tools–Safety–Part 1: General Requirements

(Bi-national standard with UL 60745-1, third edition. Adopted IEC 60745-1:2003, edition 3.2, with modifications)

Revision of the title page, the copyright page, the preface, Clauses 2DV.14 DC, 8.1DV D1, 20.4DV.1 D2, 26.2DV D1, K.20.4DV.1 D2, and L.20.4DV.1 D2, and Table 10DV D1, and Annex DVL DE. Addition of Clauses 3.3.4DV.1 D2 and K.15.1DV D1. Deletion of the Foreword (UL) and Clause 8.12.1DV D1.

CAN/CSA-C22.3 No. 1-01

Overhead Systems

Revision of Table 13. Addition of Clauses 4.8.1.3, 4.8.3.3, and A4.8.1.3.



Modifications publiées en français

C22.2 n° 140.2-96 (R2001)

Compresseurs frigorifiques hermétiques

Des modifications ont été apportées à la page titre, à la table des matières, aux articles 34.2, 41.4, 41.13, 41.18, 41.20 et 41.21 et les tableaux 41.1 à 41.3. L'article 34.3 a été ajoutée. À l'avant-propos (UL) a été abrogés.

C22.2 n° 214-02

Câbles de télécommunications

Des modifications ont été apportées à la page titre, aux articles 3.1, 6.14.1, 7.3.3.1 et les tableaux 2, 3 et A.1.

CAN/CSA-C22.3 n° 1-01

Réseaux aériens

Des modifications ont été apportées au tableau 13. Les articles 4.8.1.3, 4.8.3.3 et A4.8.1.3 ont été ajoutés.

Reaffirmed Standards

CAN/CSA-C22.2 No. 601.2.3-92 (R2005)

Medical electrical equipment Part 2: Particular requirements for the safety of short-wave therapy equipment (Adopted IEC 601-2-3:1991)

CAN/CSA-C22.2 No 601.2.3A-92 (R2005)

Amendment 1:2001 to CAN/CSA-C22.2 No. 601.2.3-92, "Medical electrical equipment—Part 2: Particular requirements for the safety of short-wave therapy equipment" (Adopted Amendment 1:1998 to IEC 601-2-3:1991)

CAN/CSA-C22.2 No. 60601-2-8-01 (R2005)

Medical electrical equipment—Part 2-8: Particular requirements for the safety of therapeutic x-ray equipment operating in the range 10 kV to 1 MV (Adopted CEI/IEC 60601-2-8:1987 + Amendment 1:1997)

CAN/CSA-C22.2 No. 601.2.19-92 (R2005)

Medical electrical equipment—Part 2: Particular requirements for the safety of baby incubators (Adopted IEC 601-2-19:1990)

CAN/CSA-C22.2 No. 601.2.19A-92 (R2005)

Amendment 1:2001 to CAN/CSA-C22.2 No. 601.2.19-92, "Medical electrical equipment—Part 2: Particular requirements for the safety of baby incubators" (Adopted Amendment 1:1996 to IEC 601-2-19:1990)

CAN/CSA-C22.2 No. 601.2.20-92 (R2005)

Medical electrical equipment—Part 2: Particular requirements for the safety of transport incubators (Adopted IEC 601-2-20:1990)



Reaffirmed Standards (cont'd)

CAN/CSA-C22.2 No. 601.2.20A-92 (R2005)

Amendment 1:2001 to CAN/CSA-C22.2 No. 601.2.20-92, “Medical electrical equipment Part 2: Particular requirements for the safety of transport incubators”
(Adopted Amendment 1:1996 to IEC 601-2-20:1990)

CAN/CSA-C22.2 No. 601.2.21A-98 (R2005)

Amendment 1:2001 to CAN/CSA-C22.2 No. 601.2.21-98, “Medical electrical equipment—Part 2: Particular requirements for the safety of infant radiant warmers”
(Adopted Amendment 1:1996 to IEC 601-2-21:1994)

CAN/CSA-C22.2 No. 601.2.31A-98 (R2005)

Amendment 1:2001 to CAN/CSA-C22.2 No. 601.2.31-98, “Medical electrical equipment—Part 2-31: Particular requirements for the safety of external cardiac pacemakers with internal power source”
(Adopted Amendment 1:1998 to IEC 601-2-31:1994)

CAN3-C108.3.1-M84 (R2005)

Limits and Measurement Methods of Electromagnetic Noise from AC Power Systems, 0.15-30 MHz

Under Development

Notice of Intent

For more information about the proposed development of the following new project, contact Brian Haydon at 416-747-4006 or brian.haydon@csa.ca:

- **C22.2 No. 2556, 2nd edition**
Wire and Cable Test Methods

For more information about the proposed development of the following new projects, contact David Hulford at 416-747-2740 or david.hulford@csa.ca:

- **C22.2 No. 74, 5th edition**
Discharge Lamp Control Devices
- **C22.2 No 250.0, 3rd edition**
Luminaires

Drafts for Public Review

Please note: Public comments about draft standards, proposed amendments, proposed adoptions and proposed endorsements listed in this issue are due by July 11, 2005.

Draft Standards

To receive copies of the following draft standard, or to offer comments, contact Annie Pereira at 416-747-4094 or annie.pereira@csa.ca:

- **C22.2 No. 227.1, 4th edition**

Electrical Nonmetallic Tubing

Proposed Amendments

To receive copies of the following proposed amendments or to offer comments, contact Annie Pereira at 416-747-4094 or annie.pereira@csa.ca:

- **C22.2 No. 18.3-04**

Conduit, Tubing and Cable Fittings

Revision of various clauses.

- **C22.2 No. 48-M90**

Nonmetallic Sheathed Cable

Revision of Clauses 4.2.6 and 4.3.2.4.

- **C22.2 No. 65-03**

Wire Connectors

Revision of various clauses.

- **C22.2 No. 250.0-04**

Luminaires

Revision of various clauses.

- **CAN/CSA-C22.2 No. 60950-1-03**

Information technology equipment–Safety–Part 1: General requirements

Revision of Clause 3.2.



Certification and Testing (CSA International)

Informs Notices

| Date | Subject | Title |
|-------------------|---|-------------------------------------|
| February 28, 2005 | Publication of Technical Information Letter No. C-37, covering interim certification requirements for cord-connected, portable electric heating and cooking appliances, hairdressing equipment and electric irons. (Supersedes Technical Information Letter No. C-36, issued February 25, 2005.) | Appliances No. 9 |
| March 25, 2005 | Publication of CAN/CSA-E60335-2-xx standards, <i>Household and similar electrical appliances–Safety–</i> Particular requirements for the following: <ul style="list-style-type: none">• kitchen machines• appliances for heating liquids• range hoods• sauna heating appliances• electrical appliances for use with aquariums and garden ponds• electric fence energizers. | Appliances No. 10 |
| March 7, 2005 | Introduction of Component Acceptance Service for protective conduit and the publication of Technical Information Letter No. J-34, covering interim certification requirements for protective conduit. | Component Acceptance Service No. 40 |
| March 25, 2005 | Publication of Technical Information Letter No. G-37C, covering interim certification requirements for electronically commutated (brushless) d.c. component fans. (Supersedes Technical Information Letter No. G-37B, issued September 18, 1998.) | Fans and Ventilators No. 5 |
| April 6, 2005 | Publication of CSA standard C22.2 No. 255-04, <i>Neon Transformers and Power Supplies</i> . The requirements of this standard are identical to Technical Information Letter No. B-71; therefore, B-71 has been cancelled. | Lighting Products No. 46 |
| April 15, 2005 | Publication of Update No. 2 to CSA standard C22.2 No. 127-99, <i>Equipment and Lead Wires</i> . | Wire and Cable No. 116 |

Certification Notices

Please note: ► Notices marked with an arrowhead are new in this issue.

| Effective Date | Subject | Title |
|-----------------------|--|---------------------------------------|
| May 24, 2005 | Publication of amendments to CSA standard C22.2 No. 112-97, <i>Electric Clothes Dryers</i> (bi-national with UL 2158). The amendment clarifies the marking requirements for a pressure wire connector intended for connection of an equipment-grounding conductor. | Appliances No. 3 |
| August 1, 2005 | Publication of the fifth edition of CSA standard C22.2 No. 56-04, <i>Flexible Metal Conduit and Liquid-Tight Flexible Metal Conduit</i> . | Wiring Devices No. 30 |
| September 30, 2005 | Publication of the second edition of CSA standard C22.2 No. 235, <i>Supplementary Protectors</i> . | Power Distribution Equipment No. 1 |
| November 1, 2005 | Publication of the sixth edition of CSA standard C22.2 No. 100-04, <i>Motors and Generators</i> . | Motors and Generators No. 4 |
| November 15, 2005 | Publication of the fourth edition of CSA standard C22.2 No. 65, <i>Wire Connectors</i> . | Wiring Devices No. 25 |
| January 16, 2006 | Publication of the second edition of CSA standard C22.2 No. 188-04, <i>Splicing Wire Connectors</i> . | Wiring Devices No. 36 |
| January 31, 2006 | Publication of amendments to C22.2 No. 169-97, <i>Electric Clothes Washing Machines and Extractors</i> (bi-national standard with UL 2157). | Appliances No. 4 |
| ► March 31, 2006 | Publication of Update No. 2 to CSA standard C22.2 No. 214-02, <i>Communications Cables</i> . | Wire and Cable No. 117 |
| April 7, 2006 | Extension of the effective date specified in Wire and Cable No. 105. | Wire and Cable No. 105A |
| June 1, 2010 | Publication of CSA standards CAN/CSA-C22.2 No. 60745-1-04 and CAN/CSA-C22.2 No. 60745-2-04 (bi-national standards with UL 60745-1 and associated Part 2 series standards). | Electrical Tools No. 15 |



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

B140.7-05, 2nd edition

Oil-Burning Equipment: Steam and Hot-Water Boilers..... \$80

This standard applies to complete vent (flue)-connected, oil-fired steam, and/or hot-water boilers that are provided with automatic control devices.

This standard applies to the following:

- boilers intended for residential use having an input of less than 11.5 L/h (3 USGPH), which is approximately equivalent to 117 kW (4000 000 Btu/h)
- low-pressure boilers intended for commercial and industrial use having an input of 11.5 L/h (3 USGPH) or more
- high-pressure boilers regardless of intended use or input.

C656-05, 2nd edition

Performance Standard for Split-System and Single-Package Central Air Conditioners and Heat Pumps..... \$75

This standard applies to the following:

- factory-made, air-source, air-sink, split-system, and single-package unitary air conditioners and heat pumps intended for air-conditioning and space-heating applications in buildings
- through-the-wall single-package split-system and small-duct high-velocity central air conditioners and heat pumps intended for air-conditioning and space-heating applications in buildings
- electrically driven, mechanical, vapour-compression-type systems charged with one of the refrigerants listed as Group 1 in CSA B52
- equipment rated below 19.0 kW (65 000 Btu/h) heating or cooling at standard rating conditions.

Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

B140.4-04, 3^e édition

Générateurs d'air chaud alimentés aux mazout..... 60 \$

Cette norme s'applique aux générateurs d'air chaud alimentés au mazout complets et raccordés à un conduit d'évacuation (une cheminée), quelque soit la puissance calorifique ou le type de brûleur utilisé.



Amendments

CAN/CSA-C745-03

Energy Efficiency of Electric Storage Tank Water Heaters and Heat Pump Water Heaters

Revision of the outside and inside front cover and the title page.

Modifications publiées en français

CAN/CSA-C745-03

Rendement énergétique des chauffe-eau électriques à accumulation et des chauffe-eau à pompe à chaleur

Des modifications ont été apportées à la première de couverture, à la deuxième de couverture ainsi qu'à la page titre.

Reaffirmed Standards

CAN/CSA-B140.2.1-M90 (R2005)

Oil Burners; Atomizing-Type

CAN/CSA-B140.11-M89 (R2005)

Oil/Gas-Fired Commercial/Industrial Pressure Washers and Steam Cleaners

CAN/CSA-B211-00 (R2005)

Energy Efficiency of Oil-Fired Storage Tank Water Heaters

B212-00 (R2005)

Energy Utilization Efficiencies of Oil-Fired Furnaces and Boilers

CAN/CSA-C390-98 (R2005)

Energy Efficiency Test Methods for Three-Phase Induction Motors

CAN/CSA-C747-94 (R2005)

Energy Efficiency Test Methods for Single- and Three-Phase Small Motors

C748-94 (R2005)

Performance Rating of Direct-Expansion (DX) Ground-Source Heat Pumps

CAN/CSA-C828-99 (R2005)

Performance Requirements for Thermostats Used with Individual Room Electric Space Heating Devices

CAN/CSA-N285.4-94 (R2005)

Periodic Inspection of CANDU Nuclear Power Plant Components

Withdrawn Standards

CAN/CSA-N285.6.5-88 (R2000)

Zirconium Alloy Wire for Fuel-Channel Spacers

Formal Interpretations

The following interpretations regarding CSA standard **CAN/CSA-C191-00**, *Performance of Electric Storage Tank Water Heaters for Domestic Hot Water Service*, have been approved by the Technical Committee on Residential Equipment.

Question 1: Is the water heater pressure relief valve to be installed as intended per the CSA C22.2 No. 110 Standard Construction and Test of Electric Storage-Tank Water Heaters, for the Standby Loss Test?

Answer: No.

Question 2: Is the water heater pressure relief valve to be insulated during the Standby Loss Test?

Answer: No.

Question 3: For factory installed mixing valves, is the mixing valve to be installed for the Standby Loss Test?

Answer: Yes.

Question 4: For factory installed mixing valves, is the mixing valve to be insulated? (This is applicable if the answer to Q3 above is "yes".)

Answer: Yes.

Question 5: For mixing valves shipped separately from the water heater (to be field installed) or to be provided in the field, is the mixing valve to be installed during the Standby Loss Test?

Answer: No.

Completed Projects / Projets terminés

Formal Interpretations

The following interpretation regarding Clause 5.1 of CSA standard **CAN/CSA Z809-02**, *A Sustainable Forest Management System: Requirements and Guidance Document*, has been approved by the Technical Committee on Sustainable Forest Management.

Question: What does the term “feasible” mean. Is it intended to mean acceptable?

Answer: No.

Under Development

Notice of Intent

For more information about the proposed development of the following new project, contact Gary Gallinger at 416-747-2272 or gary.gallinger@csa.ca:

- **Z804, 1st edition**
Sustainable Forest Management for Small Area Forests

Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

ANSI Z21.1-2005, 28th edition

Household Cooking Gas Appliances \$675

This standard applies to newly produced household cooking gas appliances constructed entirely of new, unused parts and materials. These appliances may be floor supported or built-in.

ANSI Z21.20-2005, 14th edition

Automatic Gas Ignition Systems and Components \$465

This standard applies to newly produced automatic gas ignition systems and components constructed entirely of new, unused parts and materials.

An automatic gas ignition system shall perform the following functions:

- Ignite the gas at the main burner(s), or at the pilot burner(s) so it can ignite the main burner(s)
- Prove the presence of either the ignition source, the main burner flame, or both
- Automatically act to shut off the gas supply to the main burner(s), or to the pilot and the main burner(s), when the supervised flame or ignition source is not proved.

Components submitted for examination under this standard shall perform one or more of the above functions.

ANSI Z21.58-2005/CSA 1.6-2005, 2nd edition

Outdoor Cooking Gas Appliances \$555

This standard applies to newly produced outdoor cooking gas appliances constructed entirely of new, unused parts and materials. Outdoor cooking gas appliances submitted for examination under this standard shall be classified as either portable or stationary.

This standard applies to outdoor cooking gas appliances mounted to the exterior of a recreational vehicle for connection to the recreational vehicle's low pressure LP gas supply system. It does not apply to outdoor cooking gas appliances for installation in the interior living space of a recreational vehicle.

ANSI Z83.18-2004, 4th edition

Recirculating Direct Gas-Fired Industrial Air Heaters \$540

This standard details test and examination criteria for direct gas-fired industrial air heaters of the recirculating type, for use with natural, manufactured and mixed gases, liquefied petroleum gases, and LP gas-air mixtures. In this standard direct gas-fired industrial air heater of the recirculating type is a heater “whose purpose is to offset building heat loss. Ventilation air to the heater shall be ducted directly from outdoors and the products of combustion generated by the heater are released into the air stream being heated. Inside air may be introduced before or after the combustion zone.”



Amendments

ANSI Z21.13a-2005/CSA 4.9a-2005

Gas-Fired Low Pressure Steam and Hot Water Boilers..... \$85

This document provides revisions to ANSI Z21.13-2004/CSA 4.9-2004.

ANSI Z21.18b-2005/CSA 6.3b-2005

Gas Appliance Pressure Regulators \$85

This document provides revisions to ANSI Z21.18-2000/CSA 6.3-2000 and ANSI Z21.18a-2001/CSA 6.3a-2001.

ANSI Z21.5.1b-2005/CSA 7.1b-2005

Gas Clothes Dryers, Volume I, Type I Clothes Dryers..... \$85

This document provides revisions to ANSI Z21.5.1-2002/CSA 7.1-2002 and ANSI Z21.5.1a-2003/CSA 7.1a-2003.

ANSI Z21.23b-2005

Gas Appliance Thermostats \$75

This document provides revisions to ANSI Z21.23-2000 and ANSI Z21.23a-2005.

ANSI Z21.41a-2005/CSA 6.9a-2005

Quick Disconnect Devices for Use With Gas Fuel Appliances..... \$92

This document provides revisions to ANSI Z21.41-2003/CSA 6.9-2003.

ANSI Z21.47a-2004/CSA 2.3a-2004

Gas-Fired Central Furnaces \$90

This document provides revisions to ANSI Z21.47-2003/CSA 2.3-2003.

ANSI Z21.71a-2005

Automatic Intermittent Pilot Ignition Systems for Field Installation..... \$75

This document provides revisions to ANSI Z21.71-1993.

ANSI Z21.79a-2005/CGA 6.21a-2005

Gas Appliance Sediment Traps..... \$75

This document provides revisions to ANSI Z21.79-1997/CGA 6.21-1997.

ANSI Z21.80a-2005/CSA 6.22a-2005

Line Pressure Regulators..... \$75

This document provides revisions to ANSI Z21.80-2003/CSA 6.22-2003.

ANSI Z21.87b-2005/CSA 4.6b-2005

Automatic Gas Shutoff Devices for Hot Water Supply Systems \$75

This document provides revisions to ANSI Z21.87-1999/CSA 4.6-1999 and ANSI Z21.87a-2004/CSA 4.6a-2004.

Amendments (cont'd)

ANSI Z21.92a-2005/CSA 6.29a-2005

Manually Operated Electric Gas Ignition Systems and Components \$75

This document provides revisions to ANSI Z21.92-2001/CSA 6.29-2001.

Certification and Testing (CSA International)

Informs Notices

| Date | Subject | Title |
|-------------------|--|---------------------|
| February 18, 2005 | Publication of addenda ANSI Z21.42a-2004, <i>Gas-Fired Illuminating Appliances</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.42-1993. | Gas Products No. 54 |
| February 18, 2005 | CSA will not enforce revisions to Table XII, <i>Minimum Static Pressures</i> , that were identified in CSA Gas Products No. 44, which announced the publication of ANSI Z21.47-2003/CSA 2.3-2003 and established an effective date of April 1, 2005. Manufacturers are required to comply with the balance of the revisions in the standard, as identified in the notice. | Gas Products No. 55 |
| March 7, 2005 | Revisions to CSA International Requirement 4.98 U.S., which applies to gas-fired portable heaters for recreational and commercial use. Appliances listed to this requirement are for installation in the United States only. The revisions indicated in this Informs constitutes the 2nd edition of the requirement. | Gas Products No. 56 |
| March 25, 2005 | Revisions to CSA International 4.96 U.S., which covers the certification of gas fireplaces for outdoor installation. Fireplaces certified to these requirements are for installation in the United States only. The revisions indicated in this Informs constitute the 3rd edition of the requirement. | Gas Products No. 60 |
| March 25, 2005 | Publication of an erratum to ANSI Z21.10.1-2004/CSA 4.1-2004, <i>Gas Water Heaters, Volume I, Storage Water Heaters with Input Ratings of 75,000 Btu per Hour or Less</i> . | Gas Products No. 61 |



Certification Notices

Please note: ► Notices marked with an arrowhead are new in this issue.

| Effective Date | Subject | Title |
|-----------------------|---|---------------------|
| June 1, 2005 | Publication of addenda ANSI Z21.5.2b-2003/CSA 7.2b-2003, <i>Gas Clothes Dryers, Volume II, Type 2 Clothes Dryers</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.5.2-2001/CSA 7.2-2001 and ANSI Z21.5.2a-2003/CSA 7.2a-2003. | Gas Products No. 14 |
| June 1, 2005 | Publication of addenda ANSI Z21.90a-2003/CSA 6.24a-2003, <i>Gas Convenience Outlets and Optional Enclosures</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.90-2001/CSA 6.24-2001. | Gas Products No. 21 |
| June 1, 2005 | Publication of addenda ANSI Z21.81b-2003/CSA 6.25b-2003, <i>Cylinder Connection Devices</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.81-1997/CSA 6.25-M97 and ANSI Z21.81a-1998/CSA 6.25a-M98. | Gas Products No. 22 |
| June 1, 2005 | Publication of addenda ANSI Z21.1b-2003, <i>Household Cooking Gas Appliances</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.1-2000 and ANSI Z21.1a-2003. | Gas Products No. 24 |
| June 1, 2005 | Publication of addenda ANSI Z21.89b-2004/CSA 1.18b-2004, <i>Outdoor Cooking Specialty Gas Appliances</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.89-2002/CSA 1.18-2002 and ANSI Z21.89a-2003/CSA 1.18a-2003. | Gas Products No. 25 |
| June 1, 2005 | Publication of ANSI Z21.41-2003/CSA 6.9-2003, <i>Quick Disconnect Devices for Use with Gas Fuel</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z21.41-1998/CSA 6.9-1998, ANSI Z21.41a-2001/CSA 6.9a-2001, and ANSI Z21.41b-2002/CSA 6.9b-2002. | Gas Products No. 31 |
| October 1, 2005 | Publication of addenda ANSI Z83.11a-2004/CSA 1.8a-2004, <i>Gas Food Service Equipment</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z83.11-2002/CSA 1.8-2002. | Gas Products No. 37 |



Certification Notices (cont'd)

| Effective Date | Subject | Title |
|--------------------|---|----------------------|
| October 1, 2005 | Publication of addenda ANSI Z21.77b-2004/CGA 6.23b-2004, <i>Manually Operated Piezo-Electric Spark Gas Ignition Systems and Components</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z21.77-1995/CGA 6.23-M95 and Z21.77a-1997/CGA 6.23a-M97. | Gas Products No. 46 |
| ▶ December 1, 2005 | Publication of ANSI Z21.89-2004/CSA 1.18-2004, <i>Outdoor Cooking Specialty Gas Appliances</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z21.89-2002/CSA 1.18-2002, ANSI Z21.89a-2003/CSA 1.18a-2003, and ANSI Z21.89b-2004/CSA 1.18b-2004. | Gas Products No. 57 |
| ▶ December 1, 2005 | Publication of addenda ANSI Z83.4a-2004/CSA 3.7a-2004, <i>Non-Recirculating Direct Gas-Fired Industrial Air Heaters</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z83.4-2003/CSA 3.7-2003. | Gas Products No. 58 |
| January 2, 2006 | Publication of addenda ANSI Z21.10.1a-2002/CSA 4.1a-2002 and ANSI Z21.10.1b-2004/CSA 4.1b-2004, <i>Gas Water Heaters, Volume I, Storage Water Heaters with Input Ratings of 75,000 BTU per hour or Less</i> . (Supersedes Gas Products No. 7). | Gas Products No. 48 |
| March 1, 2006 | Publication of addenda ANSI Z21.11.2b-2004, <i>Gas-Fired Room Heaters–Volume II, Unvented Room Heaters</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.11.2-2002 and ANSI Z21.11.2a-2003. | Gas Products No. 47 |
| ▶ March 1, 2006 | Publication of addenda ANSI Z21.84b-2004, <i>Manually Lighted, Natural Gas Decorative Gas Appliances for Installation in Solid-Fuel Burning Fireplaces</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.84-2002 and ANSI Z21.84a-2003. | Gas Products No. 43A |
| ▶ March 1, 2006 | Publication of addenda ANSI Z21.47a-2004/CSA 2.3a-2004, <i>Gas-Fired Central Furnaces</i> . The revisions in this addenda supersede any corresponding provisions of ANSI Z21.47-2003/CSA 2.3-2003. | Gas Products No. 62 |



Certification Notices (cont'd)

| Effective Date | Subject | Title |
|-----------------------|---|---------------------|
| ▶ June 1, 2006 | Publication of ANSI Z83.18-2004, <i>Recirculating Direct Gas-Fired Industrial Air Heaters</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z83.18-2000, ANSI Z83.18a-2001, and ANSI Z83.18b-2003. | Gas Products No. 59 |
| June 1, 2006 | Publication of ANSI Z21.13-2004/CSA 4.9-2004, <i>Gas-Fired Low-Pressure Steam and Hot Water Boilers</i> . The revisions in this standard supersede any corresponding provisions of ANSI Z21.13-2000/CSA 4.9-2000, ANSI Z21.13a-2002/CSA 4.9a-2002, and ANSI Z21.13b-2003/CSA 4.9b-2003. | Gas Products No. 45 |



Completed Projects / Projets terminés

New Standards – New Editions – Special Publications

B52HB-05, 1st edition

A Practical Handbook for Implementing CSA B52, “Mechanical Refrigeration Code” \$75

The primary objective of this handbook is to provide both novice and experienced users of CSA B52 with a concise, user-friendly guide to understanding and implementing the requirements of CSA B52.

CAN/CSA-ISO/TS 17090-2:05, 1st edition

Health informatics–Public key infrastructure–Part 2: Certificate profile
(Adopted ISO/TS 17090-2:2002, first edition, without modification) \$105

This standard specifies the certificate profiles required to interchange healthcare information within a single organization, between different organizations and across jurisdictional boundaries. The standard details the use made of public key infrastructure (PKI) digital certificates in the health industry and focuses on specific healthcare issues relating to certificate profiles.

This document is available in Portable Document Format (PDF) only.

CAN/CSA-ISO 18104:05, 1st edition

Health informatics–Integration of a reference terminology model for nursing
(Adopted ISO 18104:2003, first edition, without modification) \$110

The purpose of this standard is to establish a nursing reference terminology model consistent with the goals and objectives of other specific health terminology models in order to provide a more unified reference health model. This standard includes the development of reference terminology models for nursing diagnoses and nursing actions and relevant terminology and definitions for its implementation.

This document is available in Portable Document Format (PDF) only.

CAN/CSA-Z15190-05, 1st edition

Medical laboratories–Requirements for safety
(Adopted ISO 15190:2003, first edition, with Canadian deviations) \$130

This standard specifies requirements for safe practices in the medical laboratory.

Z460-05, 1st edition

Control of Hazardous Energy–Lockout and Other Methods \$95

This standard specifies requirements for controlling hazardous energy associated with potentially harmful machines, equipment, or processes. When a CSA standard or other recognized standard exists for a specific type of machinery, equipment, or process, it should be used with this standard to provide the most effective protection.



Nouvelles normes – Nouvelles éditions – Publications spéciales publiées en français

CAN/CSA-ISO 18104:05, 1^{re} édition

Informatique de santé—Intégration d'un modèle de terminologie de référence pour les soins infirmiers (norme ISO 18104:2003, première édition, adoptée sans modifications)..... 110 \$

Cette norme vise à établir un modèle de terminologie de référence pour les soins infirmiers compatible avec les buts et les objectifs d'autres modèles de terminologie de santé spécifiques, dans le but de proposer un modèle de référence unifié pour le domaine de la santé. Cette norme comprend l'élaboration de modèles de terminologie de référence pour les diagnostics infirmiers et les actions infirmières, ainsi qu'une terminologie pertinente et les définitions nécessaires à sa mise en application.

Z32-04, 2^e édition

Sécurité en matière d'électricité et réseaux électriques essentiels des établissements de santé 95 \$

Cette norme vise :

- a) la sécurité électrique associée à la prestation de soins de santé ;
- b) les installations électriques des établissements de santé ; et
- c) les réseaux électriques essentiels des établissements de santé.

Les exigences d'installation prescrites dans cette norme complètent celles des sections 24 et 52 du *Code canadien de l'électricité, Première partie*.

Z259.13-04, 1^{re} édition

Systèmes de corde d'assurance horizontale flexibles..... 60 \$

Cette norme prescrit les exigences relatives à la performance, à la conception, à la mise à l'essai, à l'étiquetage et à la fourniture des instructions pour les systèmes de corde d'assurance horizontale flexibles (SCAHF) de conception professionnelle, destinés au raccordement d'équipements de protection individuels contre les chutes en hauteur. Ces systèmes, utilisés pour arrêter les chutes, peuvent aussi servir de systèmes pour travaux en hauteur et de systèmes de limitation du déplacement.

Z259.16-04, 1^{re} édition

Conception de systèmes actifs de protection contre les chutes..... 60 \$

Cette norme est destinée aux ingénieurs qui ont une expertise en conception des systèmes de protection contre les chutes. Elle énonce les exigences de conception et de performance visant les systèmes actifs de protection contre les chutes complets, notamment les systèmes de limitation du déplacement et les systèmes d'arrêt de chute verticaux et horizontaux.

Nouvelles normes – Nouvelles éditions – Publications spéciales (suite)

Z314.22-04, 1^{re} édition

Gestion des dispositifs médicaux empruntés, partagés et loués..... 50 \$

Cette norme prescrit des exigences pour le prêt, le partage et la location :

- a) de dispositifs médicaux critiques et semi-critiques ; et
- b) d'autres dispositifs médicaux, par exemple des implants ou des dispositifs uniservices, qui accompagnent les dispositifs empruntés, partagés ou loués. Cette norme s'applique à toutes les organisations qui fournissent, utilisent, transportent ou entretiennent des dispositifs médicaux empruntés, partagés ou loués.

Cette norme prescrit des exigences visant

- a) les lignes directrices et les procédures relatives au prêt, au partage et à la location de dispositifs médicaux ;
- b) l'imputabilité et les responsabilités ;
- c) les qualifications, l'orientation, la formation scolaire et pratique des employés, ainsi que d'autres aspects touchant le personnel ;
- d) le transport entre les établissements ;
- e) l'assurance de la qualité ; et
- f) les procédures d'urgence.

Amendments

CAN/CSA-B339-02

Cylinders, Spheres, and Tubes for the Transportation of Dangerous Goods

Revision of the Contents and Clauses 2, 5.9.3, 6.10.3, 8.5, 12.8.1, 15.8.1, 16.9.1, 20.3.1(b), 22.10.1, 23.9.1, 23.9.2(e), 24.2.2.3, 24.2.5, 24.6.1.1, 24.6.4.1, and 24.7.1.
Addition of Clauses 5.9.4 and 6.10.4.

Modifications publiées en français

CAN/CSA-B339-02

Bouteilles et tubes utilisés pour le transport des marchandises dangereuses

Des modifications ont été apportées à la table des matières, aux articles 2, 5.9.3, 6.10.3, 8.5, 12.8.1, 15.8.1, 16.9.1, 20.3.1 b), 22.10.1, 23.9.1, 23.9.2 e), 24.2.2.3, 24.2.5, 24.6.1.1, 24.6.4.1, et 24.7. Les articles 5.9.4 et 6.10.4 ont été ajoutés.



Reaffirmed Standards

CAN/CSA-Z262.4-00 (R2005)

Ice Hockey Pucks

CAN/CSA-Z264.3-98 (R2005)

Standard for User-Applied Drug Labels in Anaesthesia and Critical Care

CAN/CSA-Z314.8-00 (R2005)

Decontamination of Reusable Medical Devices

Under Development

Notice of Intent

For more information about the proposed development of the following new project, contact Mike Dodd at 416-747-2322 or mike.dodd@csa.ca:

- **Z316.6, 3rd edition**

Evaluation of Single-Use Medical Sharps Containers for Biohazardous and Cytotoxic Waste

For more information about the proposed development of the following new project, contact Ron Meyers at 416-747-2496 or ron.meyers@csa.ca:

- **Z1600, 1st edition**

Emergency Management and Business Continuity

Certification and Testing (CSA International)

Certification Notices

Please note: ► Notices marked with an arrowhead are new in this issue.

| Effective Date | Subject | Title |
|-----------------------|---|--------------------------|
| September 30, 2005 | Publication of Technical Information Letter No. D-14C1, covering interim certification requirements for controllers for use in lifts for persons with physical disabilities. (Supersedes Technical Information Letter No. D-14B.) | Elevator Equipment No. 9 |

Under Development

Drafts for Public Review

Please note: Public comments about draft standards, proposed amendments, proposed adoptions and proposed endorsements listed in this issue are due by July 11, 2005.

Proposed Adoptions

For more information about the proposed adoption of the following ISO standards, contact David Zimmerman at 416-747-2479 or david.zimmerman@csa.ca:

- **ISO 10001, 1st edition**

Quality management—Customer satisfaction—Guidelines on codes of conduct for organizations

- **ISO 10003, 1st edition**

Quality management—Customer satisfaction—Guidelines for dispute resolution external to organizations



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